

WHAT IS CLAIMED IS:

1. An electron gun assembly resistor comprising:  
an insulating substrate;  
a plurality of electrode elements formed on the  
5 insulating substrate and looking like islands;  
a resistor element connecting the electrode  
elements together and providing a predetermined  
resistance value; and  
a plurality of metallic terminals which include  
10 flanges in contact with the electrode elements, and  
which are connected to the electrode elements,  
the electron gun assembly resistor satisfying  
 $L1 \leq L2$ ,  
where  $L1$  is an outer dimension of at least one of the  
15 electrode elements, and  $L2$  is an outer dimension of the  
flange of the metallic terminal that is connected to  
the electrode element whose outer dimension is  $L1$ ;  
2. An electron gun assembly resistor according to  
claim 1, wherein the flanges are located outward of  
20 outer peripheries of the electrode elements.  
3. An electron gun assembly resistor according to  
claim 1, wherein the flanges include tip ends that are  
curved to cover the electrode elements.  
4. A comprising:  
25 a face panel;  
a funnel integrally connected to the face panel;  
a phosphor screen formed on an inner surface of

the face panel;

an electron gun assembly arranged in a neck of the funnel, configured to emit electron beams toward the phosphor screen, and including a plurality of grid

5 electrodes; and

an electron gun assembly resistor arranged in the neck and juxtaposed to the electron gun assembly, the electron gun assembly resistor dividing a voltage based on a predetermined voltage division ratio and

10 permitting a divided voltage to be applied to at least one of the grid electrodes,

the electrode gun assembly resistor comprising:  
an insulating substrate;

15 a plurality of electrode elements formed on the insulating substrate and looking like islands;

a resistor element connecting the electrode elements together and providing a predetermined resistance value; and

20 a plurality of metallic terminals which include flanges in contact with the electrode elements, and which are connected to the electrode elements,

the electron gun assembly resistor satisfying

$$L1 \leq L2,$$

25 where L1 is an outer dimension of at least one of the electrode elements, and L2 is an outer dimension of the flange of the metallic terminal that is connected to the electrode element whose outer dimension is L1.

5. A cathode ray tube according to claim 4, wherein the flanges are located outward of outer peripheries of the electrode elements.

6. An electron gun assembly resistor according to claim 4, wherein the flanges include tip ends that are curved to cover the electrode elements.

7. An electron gun assembly resistor configured to divide a voltage based on a predetermined voltage division ratio and to permit a divided voltage to be applied to an electrode of an electron gun assembly, the electron gun assembly resistor comprising:

an insulating substrate;

a plurality of electrode elements formed on the insulating substrate;

15 a resistor element connecting the electrode elements together and providing a predetermined resistance value;

an insulating coating layer which covers the resistor element; and

20 a plurality of metallic terminals connected to the electrode elements, respectively,

the metallic terminals being arranged without exposing the electrode elements,

25 the insulating coating layer being coated on peripheries of the metallic terminals and being located away from the electrode elements.

8. An electron gun assembly resistor according to

claim 7, wherein regions where the insulating coating layer covers the peripheries of the electrode elements are regions where the insulating substrate has surface portions that are electrically charged to have a  
5 potential higher than that of the metallic terminals.

9. An electron gun assembly resistor according to claim 7, wherein the metallic terminals include flanges which are in contact with the electrode elements, and the flanges have an outer dimension greater than that  
10 of the electrode elements and include portions located outward of the peripheries of the electrode elements.

10. An electron gun assembly resistor according to claim 9, wherein the insulating coating layer covers the peripheries of the flanges of the metallic  
15 terminals without exposing the insulating substrate.